**Name: Vineeth**

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**Professional Summary:**

* **Around 4 years** of experience in IT industry comprising of **DevOps AWS Engineer, Build and Release Engineer.**
* Experienced in maintaining Docker containers with **Kubernetes** to automate the docker container maintenance by using it and worked on with **REST API.**
* Expertise in Executing **Kubernetes** using Kubeadm and deployable application containers.
* Extensively used **Docker** for virtualization, Ship, Run and Deploy the application securely for fasten the Build/Release Engineering.
* Experience with Kubernetes, Mesos and Docker Swarm.
* In-depth understanding of **Software Configuration Management** (SCM) processes which include compiling, packaging and deploying of various applications.
* Experienced in **Configuring and Deploying** infrastructure and applications into cloud using **AWS resources such asEC2 instances, S3, RDS, EBS, VPC, SNS, IAM policies, Route 53, Auto scaling, Cloud Front, Cloud Watch, Cloud Trail, Cloud Formation, OpsWork, Security Groups** focusing on fault tolerance and high availability.
* Hands-on experience on writing **Ansible playbooks** and in creating **Ansible** and **Ansible Tower** as Configuration management tool, to configure and to automate daily tasks, deployment of large scale applications, and proactively manages changes in the environments.
* Stay current with the latest features/capabilities of the **AWS** platform.
* Engineer, manage, and support source control and binary repository systems such as BitBucket / Stash, Git, SVN, and Nexus.
* Experience in working with different build automation tools like **Jenkins** and **Maven** to achieve End-to-End Automation.
* Experience working on User admin groups, maintaining account and monitoring system performance using Nagios
* Knowledge in gathering requirements from various teams Dev, QA, Ops etc. for automating process and improving agility in development process.
* Experienced in implementing and maintaining an Apache/Tomcat/MySQL/PHP, LDAP, XAMP web service environment.

**Technical Skills:**

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| Operating system | Linux (RHEL (Red Hat 4/5/6/7), CENTOS), Ubuntu 12/13/14 |
| Application Servers | Apache Tomcat 8 |
| Automation Tools | Jenkins, Ansible, Docker, Docker Swarm,Kubernetes,Vagrant |
| Version control tools | GIT, Subversion (SVN), BitBucket, GitHub |
| Web servers | Tomcat, APACHE 2.x, 3.x,and Nginx |
| Scripting | Shell, YAML |
| Cloud Environments | AWS, GCP |
| Databases | Oracle, MySQL |
| Bug Tracking Tools | ServiceNow, JIRA |
| Monitoring Tools | Nagios, Cloud Watch |

**Education Summary:**

* Education Details: BTech from Kakatiya Institute of Technology & Science, Warangal from Kakatiya University. 2017

**Experience Summary:**

Working for **Rythmos Pvt. Ltd**, Hyderabad as DevOps Engineer from Sep 2017 to Till Date

**Professional Summary:**

**Reactor CX Jan 2019 to Till Date**

**Client: 7-Eleven**

**DevOps Engineer**

**Responsibilities**:

* Configured container environment using Docker, Docker Swarm and Kubernetes.
* Involved in monitoring containers, Managing container logs and Application logs.
* Hands-on experience in using Jenkins as a Continuous Integration tool with various stages.
* Deployed and configured Jenkins CI including slave node configurations and SSH control plane implementations.
* Experience in build process using Maven for different applications.
* Implemented CI using Jenkins with automated Unit tests and code quality analysis like SonarQube and Configured various jobs in Jenkins for deployment of application and running test suites.
* Configured and Maintained the Jenkins build and automation jobs.
* Used Nexus Pro as a repository to store the artifacts built from Jenkins.
* Creation of Build & Release Plan, collection, analysis & presentation of Project Metrics on weekly basis.
* Used Ansible and Ansible Tower as Configuration management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manages change.
* Involved in Leading Automation Deployment Team and working with Ansible Tower.
* Worked with Build & Release team to enhance the current process to implement a better software packaging and delivery by automation using Jenkins & Ansible Tower.
* Hands-on experience in creating projects, Templates, adding Inventory to the project and configuring the Credentials with required access to Deploy using Ansible Tower.
* Involved in retiring the deployment tool APLUS and replaced it with the other CD tools like Urban code deploy(UDeploy), Ansible Tower.
* Working Knowledge of Container management using Docker by writing Docker files and set up the automated build on Docker HUB and installed and configured Kubernetes.
* Worked on creation of custom Docker container images, tagging and pushing the images.
* Worked on creating the Docker containers and Docker consoles for managing the application life cycle.
* Developing Docker images to support Development and Testing Teams and their pipeline
* To achieve Continuous Delivery goal on high scalable environment, used Docker coupled with load-balancing tool Nginx.
* Experience in creating Docker Containers leveraging existing Linux Containers and AMI's in addition to creating Docker Containers.
* Knowledge of Kubernetes to deploy and manage containers (pods) on minions.
* Experience in Deploying, maintaining and integrating services on AWS Cloud Platform.
* Hands on experience with All the AWS components like VPC, EC2, ELB, AWS Lambda, Auto Scaling, launch Configurations, S3, Glacier, Lifecycle rules for storage, Route 53, Cloud watch, Cloud Trial, Redshift, Volume and Snapshot management, SNS, IAM Roles.
* Automated and implemented the Cloud Formation Stacks (JSON Scripts) for creating/administrating the AWS resources like VPC, Subnets, Gateways, Auto Scaling, Elastic Load Balancers, creating DB Instances and many others across different Availability Zones.Used MySQL, DynamoDB and Elastic Cache to perform basic database administration.
* Experience in working and coordinating with the Off-shore teams to gather requirements and resolve issues.
* Participated in the Planning Events to discuss with all the dependent teams, RTE’s about the current work status, documenting the objectives for the upcoming event and presented the draft plan during the event.
* Good understanding of development environment using AGILE methodologies with SCRUM process.

**Environment:** GIT, Jenkins, Ansible, Docker, Kubernetes, JIRA, Linux, APLUS, Urban Code Deploy, AWS.

**CBRE Inc - Dallas, TX Sep 2017 to Dec 2018**

**DevOps Engineer**

**Responsibilities**

* Created and **maintained continuous integration** (CI) using tools **Jenkins**/**Maven** over diff environments to facilitate an agile development process which is automated and repeatable enabling teams to safely deploy code many times a day while ensuring operational best practices are supported.
* Design and document **CI/CD tools** configuration management.
* Responsible for orchestrating **CI/CD processes** by responding to Git triggers, human input, and dependency chains and environment setup.
* Build and Deployment **CI/CD** Pipelines.
* Created, Configured and Administered **Jenkins** servers with **Master-slave** configurations as needed.
* Design, build and maintain the CI/CD infrastructure and tools to deliver SaaS based solutions.
* Design, develop and automate DevOps process comprising several stages including plan, code, build, test, release, deploy, operate and monitor.
* Work with Development, Quality Engineers, and Program Management teams to set release schedules.
* Document both high-level and detailed technical design of every solution being automated on Confluence.
* Participate in 24x7 on-call rotation when required.
* Troubleshoot virtualization performance and other VM related issues.
* Lead efforts to evaluate design and implement new tools and technologies.
* Created **Continuous Integration** and **Continuous Delivery Pipelines** for the build and deployment automation in place.
* As a Release Engineer for a team that involved different development teams and multiple simultaneous software releases
* Involved in identifying build errors in the system and identify the build issue and escalate it to the concerned team after careful analysis. Work and coordinate with them to get the fix in the release.
* Worked on Continuous Integration System Jenkins. Used Jenkins for official nightly build, test and managing change list. Installed Multiple Plugins for smooth build and release build pipelines.
* Proficient with Jenkins and Bamboo for continuous integration and for End-to-End automation for application build and deployments.
* Created Ansible playbooks for installation of Apache web servers, Tomcat servers and other applications.
* Implemented the setup for Master slave architecture to improve the Performance of Jenkins.
* Used Jenkins for Continuous Integration and deployment into Tomcat Application Server.
* Installing, configuring and administering Jenkins CI tool on Linux machines.
* Developed Shell/Ruby Scripts for automation purpose.
* Deployed built artifacts to WebLogic application server using Maven.
* Managing Maven project dependencies by creating parent-child relationships between projects.
* Coordinate/assist developers with establishing and applying appropriate branching, labeling/naming conventions using GIT source control.
* Analyze and resolve conflicts related to merging of source code for GIT.
* Deployed Java/J2EE applications to Application servers in an Agile continuous integration environment and automated the whole process.
* Installed and Configured the Nexus repository manager, to store the artifacts.
* Setting up continuous integration and formal builds using Bamboo with Art factory repository.
* Used JIRA tool to track all the defects and changes related to Build and Release team.
* Implemented tool as a web application to add/edit/delete services that would be monitored with Nagios.

**Environment:** ANT, Jenkins, Git, Web Logic, Ansible, Apache Tomcat, Agile/Scrum, SDLC, Splunk, Linux, Maven, Nexus.